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June 24, 2016

Project No: 120980-02.05

Invoice No: 47400

Willard Potter  
de maximis, inc  
186 Center Street, Suite 290  
Clinton, NJ 08809

Project 120980-02.05 Lower Passaic River RI/FS

**Professional Services from May 01, 2016 to May 31, 2016**

Task 01 General Technical Support

**Professional Personnel**

		<b>Hours</b>	<b>Rate</b>	<b>Amount</b>
Connolly, John	5/6/2016	.50	402.00	201.00
budgeting				
Connolly, John	5/19/2016	.75	402.00	301.50
call with CPG on RI comments				
Connolly, John	5/26/2016	1.00	402.00	402.00
prep for TC briefing/call with DMI				
Connolly, John	5/27/2016	.75	402.00	301.50
Process check				
Coscia-Bingler, Diane	5/26/2016	1.00	89.00	89.00
Upload items to SharePoint library				
Coscia-Bingler, Diane	5/27/2016	.50	89.00	44.50
Upload articles to SharePoint library and catalog				
Israelsson, Peter	5/1/2016	.75	217.00	162.75
TC prep on RI comment discussion				
Israelsson, Peter	5/2/2016	3.50	217.00	759.50
TC meeting presentation prep; call with dmi and RI consultants; coordination with M&N/WW on slides				
Israelsson, Peter	5/3/2016	5.00	217.00	1,085.00
TC meeting prep: slides, cost estimate for dmi; coordinate with other consultants; monthly progress report				
Israelsson, Peter	5/4/2016	7.00	217.00	1,519.00
TC meeting with prep; followup coordination of consultants				
Israelsson, Peter	5/5/2016	3.25	217.00	705.25
Follow on TC meeting request for RI meeting talking points; related calls				
Israelsson, Peter	5/6/2016	3.00	217.00	651.00
Revise list of RI talking points for dmi EPA meeting; related calls with J.Connolly				
Israelsson, Peter	5/9/2016	2.00	217.00	434.00
Followup on potential revisions to talking points list; coordination with the other RI consultants on model topics				
Israelsson, Peter	5/13/2016	.75	217.00	162.75
Review draft April invoices				

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Israelsson, Peter	5/17/2016	.50	217.00		108.50	
Review dmi EPA call summary; discuss						
Israelsson, Peter	5/20/2016	.75	217.00		162.75	
Invoice review and project management with W.Ku						
Israelsson, Peter	5/25/2016	.50	217.00		108.50	
Respond to dmi request on mapping meeting presentation						
Israelsson, Peter	5/26/2016	.25	217.00		54.25	
Project management						
Israelsson, Peter	5/27/2016	1.50	217.00		325.50	
Passaic process check with J.Connolly; staff workload; May invoice/ budget transmittal review						
Israelsson, Peter	5/31/2016	.75	217.00		162.75	
Project management; edit draft monthly progress report						
Ku, Wen	5/2/2016	.50	175.00		87.50	
finalize March invoice; review April spending						
Ku, Wen	5/3/2016	8.00	175.00		1,400.00	
prep for TC meeting slides; assess updated budget; call/discussion						
Ku, Wen	5/4/2016	3.00	175.00		525.00	
sit in TC meeting						
Ku, Wen	5/6/2016	1.50	175.00		262.50	
discuss/review model comments to TC						
Ku, Wen	5/9/2016	1.50	175.00		262.50	
review April invoice (1st Draft)						
Ku, Wen	5/10/2016	.50	175.00		87.50	
review April invoice (1st Draft)						
Ku, Wen	5/13/2016	.75	175.00		131.25	
review invoice						
Ku, Wen	5/16/2016	.25	175.00		43.75	
Review April invoice						
Ku, Wen	5/17/2016	.50	175.00		87.50	
Review April invoice/backup info						
Ku, Wen	5/18/2016	1.00	175.00		175.00	
submit March invoice/draft April invoice transmittal						
Ku, Wen	5/23/2016	.50	175.00		87.50	
draft April invoice transmittal						
Ku, Wen	5/26/2016	1.50	175.00		262.50	
finalize April invoice; draft May/June progress report; review billing status						
Ku, Wen	5/27/2016	1.50	175.00		262.50	
draft May/June progress report; process check						
Meyers, Mark	5/27/2016	.50	218.00		109.00	
Internal status check						
Narayanan, Raghav	5/3/2016	8.00	136.00		1,088.00	

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Prep for TC mtg, presentation development						
Narayanan, Raghav TC Meeting	5/4/2016	5.00	136.00		680.00	
Narayanan, Raghav process check	5/27/2016	.50	136.00		68.00	
Oates, Peter TC meeting	5/4/2016	3.00	153.00		459.00	
Quadrini, James Prepare for TC meeting.	5/2/2016	1.00	283.00		283.00	
Quadrini, James Prepare for TC meeting.	5/3/2016	2.75	283.00		778.25	
Quadrini, James Attend TC meeting at K&L Gates in Newark.	5/4/2016	7.00	283.00		1,981.00	
Quadrini, James Prepare issues list for dmi (for use during 5/16 call with EPA).	5/5/2016	2.25	283.00		636.75	
Quadrini, James Review and respond to project emails.	5/9/2016	.25	283.00		70.75	
Quadrini, James Review and respond to project emails.	5/11/2016	.25	283.00		70.75	
Quadrini, James TC call.	5/19/2016	.75	283.00		212.25	
Quadrini, James Call with dmi to discuss EPA call.	5/26/2016	.75	283.00		212.25	
Salvador, Toni Passaic Process Check	5/27/2016	.50	100.00		50.00	
Thorvaldsen, Alyssa Process check	5/27/2016	.50	159.00		79.50	
Totals		88.00			18,194.50	
Total Labor						18,194.50
Reimbursable Expenses						
Conference Calls					7.03	
Meals					9.81	
Transportation					23.08	
Total Reimbursables					39.92	39.92
Unit Billing						
Mileage - eff. 2016					145.26	
Mileage - eff. 2016					14.04	
Total Units					159.30	159.30
				Total this Task		\$18,393.72
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Task	02	LPR RI Report Revision/EPA Comments Response				
Professional Personnel						
			Hours	Rate	Amount	
Connolly, John compile major issues	5/6/2016	6.00	402.00		2,412.00	
Connolly, John review strategies for dealing with RI comments/issues list	5/9/2016	2.50	402.00		1,005.00	

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Connolly, John	5/10/2016	3.75	402.00		1,507.50	
develop strategy to address major issues in comments/correspondence with MAB on CPG discussion regarding RI comments						
Connolly, John	5/11/2016	5.50	402.00		2,211.00	
Develop responses to EPA comments						
Connolly, John	5/12/2016	5.00	402.00		2,010.00	
Develop RTCs/coordinate edits to RI Report						
Connolly, John	5/17/2016	2.00	402.00		804.00	
Develop RI Report RTCs						
Connolly, John	5/18/2016	3.50	402.00		1,407.00	
RI report RTCs						
Connolly, John	5/19/2016	2.25	402.00		904.50	
RI report RTCs						
Connolly, John	5/20/2016	5.25	402.00		2,110.50	
RI report RTCs						
Connolly, John	5/23/2016	6.00	402.00		2,412.00	
RI report RTCs						
Connolly, John	5/24/2016	2.00	402.00		804.00	
RI report RTCs						
Connolly, John	5/25/2016	.50	402.00		201.00	
RI report RTCs						
Connolly, John	5/26/2016	6.75	402.00		2,713.50	
RI report RTCs						
Connolly, John	5/27/2016	4.00	402.00		1,608.00	
RI Report comments - major work mandated						
Connolly, John	5/31/2016	1.00	402.00		402.00	
RI Report - major work mandated by comments						
Coscia-Bingler, Diane	5/18/2016	.50	89.00		44.50	
Journal articles - JC						
Coscia-Bingler, Diane	5/23/2016	.50	89.00		44.50	
journal article - JC						
Dang, George	5/2/2016	.50	102.00		51.00	
Review comments for mapping						
Dang, George	5/16/2016	7.50	102.00		765.00	
New map extents and map with side scan sonar						
Dang, George	5/19/2016	1.50	102.00		153.00	
Map edits for RI response						
Dang, George	5/20/2016	1.50	102.00		153.00	
Map edits for RI response						
Forrest, Casey	5/9/2016	2.00	114.00		228.00	
Reviewing partitioning appendices and EPA comments						
Forrest, Casey	5/16/2016	4.75	114.00		541.50	
Response to EPA comments - kinetics and sediment stability						
Forrest, Casey	5/17/2016	3.50	114.00		399.00	
Response to EPA comments- kinetics, sediment stability						
Forrest, Casey	5/18/2016	1.25	114.00		142.50	
Response to EPA comments, sediment stability						
Forrest, Casey	5/19/2016	1.50	114.00		171.00	
Kinetics/shreq, sediment stability						

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Forrest, Casey	5/23/2016	2.00	114.00		228.00	
Response to EPA comments - bathymetry						
Forrest, Casey	5/24/2016	.75	114.00		85.50	
RI comments, bathy						
Forrest, Casey	5/25/2016	.75	114.00		85.50	
sediment stability EPA response to comments						
Forrest, Casey	5/27/2016	.25	114.00		28.50	
Call with RN regarding river analysis						
Glaser, Naomi	5/25/2016	.50	56.00		28.00	
Find Article for Wen Ku						
Israelsson, Peter	5/1/2016	.50	217.00		108.50	
RI comments on model; coordinate on non-model comments						
Israelsson, Peter	5/2/2016	3.50	217.00		759.50	
EPA RI comments (modeling and non-modeling)						
Israelsson, Peter	5/3/2016	2.50	217.00		542.50	
Review remaining non-modeling comments (Sec6, AppG, AppH); discuss modeling comments						
Israelsson, Peter	5/5/2016	1.50	217.00		325.50	
Continued review/discussion of EPA RI modeling comments						
Israelsson, Peter	5/6/2016	3.00	217.00		651.00	
Continued review of RI comments; EPA modeling meeting topics						
Israelsson, Peter	5/9/2016	5.00	217.00		1,085.00	
EPA RI comments; partitioning and fluff model equations						
Israelsson, Peter	5/10/2016	6.50	217.00		1,410.50	
develop notes/rederivation on fluff equations in response to EPA comment						
Israelsson, Peter	5/11/2016	7.50	217.00		1,627.50	
Finalize fluff equation notes and plan; call with team; partitioning review						
Israelsson, Peter	5/12/2016	6.50	217.00		1,410.50	
EPA RI comments; internal coordination call on response effort; partitioning approach writeup draft						
Israelsson, Peter	5/13/2016	3.50	217.00		759.50	
partitioning settings/analysis of CWCM and Koc literature; discussion with P.Oates on EPA presentation options						
Israelsson, Peter	5/15/2016	2.00	217.00		434.00	
bed equations for EPA meeting discussion						
Israelsson, Peter	5/17/2016	1.00	217.00		217.00	
EPA position on COPC list from other docs; discuss issues with recreating EPA's partitioning calcs in RI response						
Israelsson, Peter	5/18/2016	2.75	217.00		596.75	
Outline RI response arguments on modeling issues and related CWCM topics; COPC list (split with model dev task)						
Israelsson, Peter	5/19/2016	3.50	217.00		759.50	

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Natural recovery comment; prioritization of RI comments in response to dmi request for updated matrix; modeling and non-modeling overlap issues such as fluff and CWCM						
Israelsson, Peter	5/20/2016	2.00	217.00		434.00	
Call on RI report comments; work on responses to Section 6 and modeling topics						
Israelsson, Peter	5/21/2016	.50	217.00		108.50	
EPA responses (fluff, Section 6)						
Israelsson, Peter	5/23/2016	5.50	217.00		1,193.50	
EPA comments, mainly non-modeling (Sections 6 and 3)						
Israelsson, Peter	5/24/2016	6.50	217.00		1,410.50	
complete initial draft of comment responses on Sections 6+3 and circulate internally						
Israelsson, Peter	5/25/2016	6.00	217.00		1,302.00	
Edit initial responses on modeling comments; followup on non-modeling responses; fluff research papers						
Israelsson, Peter	5/26/2016	6.00	217.00		1,302.00	
Discuss Section 3 comments with J.Connolly; Complete editing of modeling RI responses and transmit to J.Connolly; AppG&H comments; review feedback						
Israelsson, Peter	5/27/2016	3.00	217.00		651.00	
Finalize with team the draft matrix submittal on modeling and non-modeling topics; review mandatory work list from J.Connolly; followup on RI carbon analysis						
Israelsson, Peter	5/31/2016	2.50	217.00		542.50	
Check on RI analyses and meeting prep efforts; Mandatory RI analyses list for dmi						
Ku, Wen	5/2/2016	8.00	175.00		1,400.00	
discuss/call on EPA's modeling comments						
Ku, Wen	5/4/2016	4.00	175.00		700.00	
review/discuss RI comments and followup work						
Ku, Wen	5/5/2016	7.50	175.00		1,312.50	
discuss modeling comments and RI issue list; review Section 6 comments response; draft email to MN on modeling topics						
Ku, Wen	5/6/2016	4.50	175.00		787.50	
review section 6 comments						
Ku, Wen	5/9/2016	5.00	175.00		875.00	
discuss/review fluff related comments						
Ku, Wen	5/10/2016	5.00	175.00		875.00	
discuss/review fluff related comments; review comment about dep-framework and COPCs						
Ku, Wen	5/11/2016	5.00	175.00		875.00	
compile/discuss EPA comments on the modeling						
Ku, Wen	5/12/2016	8.00	175.00		1,400.00	
check sorption settings for Phyto-C; process check; review modeling work plan/risk assessment needs						
Ku, Wen	5/13/2016	3.00	175.00		525.00	
review partitioning topics						
Ku, Wen	5/16/2016	4.50	175.00		787.50	

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		review SHREQ/EPA documents about model calibration/COPCs used				
Ku, Wen	5/17/2016	5.50	175.00		962.50	
		review EPA documents about model calibration/COPCs used				
Ku, Wen	5/18/2016	2.50	175.00		437.50	
		draft comment responses				
Ku, Wen	5/19/2016	6.50	175.00		1,137.50	
		compile fluff implementation in ST; draft response matrix for the modeling; assess dep framework				
Ku, Wen	5/20/2016	7.00	175.00		1,225.00	
		draft response matrix for the modeling; process check				
Ku, Wen	5/23/2016	4.50	175.00		787.50	
		draft response matrix for the modeling; review dep-framework/consolidation topics				
Ku, Wen	5/24/2016	6.00	175.00		1,050.00	
		compile analysis to support comment response; review comments related to consolidation; merge M&N comments in RTC				
Ku, Wen	5/25/2016	5.00	175.00		875.00	
		review section 6 comments response				
Ku, Wen	5/26/2016	5.50	175.00		962.50	
		review modeling comments; respond to Appendix G/H comments				
Ku, Wen	5/27/2016	5.00	175.00		875.00	
		compile task list; review modeling comments				
Meyers, Mark	5/2/2016	.50	218.00		109.00	
		Address specific gravity question (specific gravity analyzed in lab)				
Meyers, Mark	5/13/2016	.50	218.00		109.00	
		Data-related issues				
Meyers, Mark	5/23/2016	.50	218.00		109.00	
		Evaluating data-related comments				
Meyers, Mark	5/24/2016	1.00	218.00		218.00	
		Evaluating data-related comments				
Miyasaka, Shuhei	5/2/2016	.50	88.00		44.00	
		rm 10.9 bathy ri/fs analysis investigation				
Miyasaka, Shuhei	5/6/2016	2.50	88.00		220.00	
		sv-cwcm copc distribution analysis				
Miyasaka, Shuhei	5/9/2016	2.00	88.00		176.00	
		1995 cope sediment spatial analysis				
Miyasaka, Shuhei	5/12/2016	1.75	88.00		154.00	
		1)2,3,7,8-tcdd data review 2)cs-137 data analysis				
Miyasaka, Shuhei	5/13/2016	8.00	88.00		704.00	
		1)cs-137 data analysis 2)coordinate database refinements				
Miyasaka, Shuhei	5/16/2016	7.75	88.00		682.00	
		1)bed stability analysis. 2)bathymetry differential analysis				
Miyasaka, Shuhei	5/17/2016	8.00	88.00		704.00	
		1)bed stability analysis (cs-137 analysis and bathy differentials) 2)revisit tcdd depth of peak analysis				

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Miyasaka, Shuhei	5/18/2016	7.00	88.00		616.00	
bed stability analysis (cs-137 analysis and bathy differentials)						
Miyasaka, Shuhei	5/19/2016	7.75	88.00		682.00	
bed stability analysis (cs-137 analysis and bathy differentials)						
Miyasaka, Shuhei	5/20/2016	4.00	88.00		352.00	
1)bed stability analysis 2)review model surface and subsurface layer interpolation process						
Miyasaka, Shuhei	5/23/2016	7.75	88.00		682.00	
bed stability analysis						
Miyasaka, Shuhei	5/24/2016	5.75	88.00		506.00	
bed stability analysis						
Miyasaka, Shuhei	5/25/2016	4.75	88.00		418.00	
bed stability analysis						
Miyasaka, Shuhei	5/26/2016	1.00	88.00		88.00	
bed stability analysis						
Narayanan, Raghav	5/1/2016	3.00	136.00		408.00	
Comment review						
Narayanan, Raghav	5/2/2016	10.00	136.00		1,360.00	
Calls with shuhei, alyssa, peter, pete, wen; call with entire RI team, work on comment response and pptx, prep for wed tc meeting						
Narayanan, Raghav	5/3/2016	7.00	136.00		952.00	
comment review						
Narayanan, Raghav	5/4/2016	3.00	136.00		408.00	
review matrix						
Narayanan, Raghav	5/5/2016	5.00	136.00		680.00	
Review comment matrix, consolidate responses from other consultants						
Narayanan, Raghav	5/6/2016	5.00	136.00		680.00	
Email list of comments for May 16 EPA mtg, identify comment numbers, calls with team						
Narayanan, Raghav	5/9/2016	1.00	136.00		136.00	
Comment matrix review						
Narayanan, Raghav	5/12/2016	5.00	136.00		680.00	
RI call and coordinate analysis for response development, individual task distribution and calls/discussions with team						
Narayanan, Raghav	5/13/2016	3.00	136.00		408.00	
Coordinate analyses for response to RI						
Narayanan, Raghav	5/16/2016	5.00	136.00		680.00	
RI Response matrix - mtg with JQ, calls with Alyssa and Casey; oversee Cs-137 analysis						
Narayanan, Raghav	5/17/2016	4.00	136.00		544.00	
Response to RI comments - analysis and discussions with Shuhei, Casey						
Narayanan, Raghav	5/18/2016	5.50	136.00		748.00	
Review and oversee bed stability analysis, review 0.5 mile bins, calls and discussions with Shuhei, Casey, Alyssa						
Narayanan, Raghav	5/19/2016	6.00	136.00		816.00	
Review and oversee bed stability analysis, review 0.5 mile bins, calls and discussions with Shuhei, Casey						
Narayanan, Raghav	5/20/2016	7.00	136.00		952.00	
Review and oversee bed stability analysis, review 0.5 mile bins, calls and discussions with Shuhei, Casey, Alyssa, fill in matrix						



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Narayanan, Raghav	5/23/2016	2.00	136.00		272.00	
Go over bathy analysis						
Narayanan, Raghav	5/24/2016	3.00	136.00		408.00	
Calls with Casey, Shuhei, Alyssa, go over Cs-137 work						
Narayanan, Raghav	5/25/2016	5.00	136.00		680.00	
Comment response matrix - fill in and review						
Narayanan, Raghav	5/26/2016	5.00	136.00		680.00	
Comment response matrix - fill in and review, Calls with Shuhei et al. to go over Cs-137 figures and work						
Narayanan, Raghav	5/27/2016	4.50	136.00		612.00	
Comment response matrix review and coordination, call with Casey to go over analysis						
Narayanan, Raghav	5/31/2016	8.00	136.00		1,088.00	
Coordinate responses, review Cs results, list significant efforts and Level of efforts						
Oates, Peter	5/2/2016	8.00	153.00		1,224.00	
RI comment responses, Fluff, partitioning						
Oates, Peter	5/3/2016	6.00	153.00		918.00	
RI comment responses, Fluff, partitioning						
Oates, Peter	5/4/2016	2.00	153.00		306.00	
RI comment responses, Fluff, partitioning						
Oates, Peter	5/5/2016	4.00	153.00		612.00	
RI comment responses, Fluff, partitioning						
Oates, Peter	5/6/2016	8.00	153.00		1,224.00	
RI comment responses, Fluff, partitioning						
Oates, Peter	5/9/2016	8.00	153.00		1,224.00	
RI comment responses, Fluff, partitioning						
Oates, Peter	5/10/2016	8.00	153.00		1,224.00	
RI comment responses, Fluff, partitioning						
Oates, Peter	5/11/2016	8.00	153.00		1,224.00	
RI comment responses, Fluff, partitioning, calls						
Oates, Peter	5/12/2016	8.00	153.00		1,224.00	
RI comment responses, Fluff, partitioning						
Oates, Peter	5/13/2016	8.00	153.00		1,224.00	
RI comment responses, Fluff, calls						
Oates, Peter	5/16/2016	5.00	153.00		765.00	
RI comment responses, partitioning, Fluff						
Oates, Peter	5/17/2016	4.00	153.00		612.00	
RI comment responses, partitioning, Fluff						
Oates, Peter	5/18/2016	5.00	153.00		765.00	
RI comment responses, partitioning, Fluff						
Oates, Peter	5/19/2016	5.50	153.00		841.50	
RI comment responses, partitioning, Fluff						
Oates, Peter	5/20/2016	5.00	153.00		765.00	
RI comment responses, partitioning, Fluff, call on RI report status						

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Oates, Peter	5/23/2016	5.00	153.00		765.00	
RI comment responses, partioning, Fluff						
Oates, Peter	5/24/2016	8.00	153.00		1,224.00	
RI comment responses						
Oates, Peter	5/25/2016	4.00	153.00		612.00	
RI comment responses, partioning, Fluff						
Oates, Peter	5/26/2016	5.00	153.00		765.00	
RI comment responses, partioning						
Oates, Peter	5/27/2016	6.00	153.00		918.00	
RI comment responses, partioning, Fluff						
Oates, Peter	5/31/2016	3.00	153.00		459.00	
RI comment responses, partioning, Fluff						
Pendleton, Eben	5/10/2016	.75	102.00		76.50	
database update						
Pendleton, Eben	5/16/2016	4.00	102.00		408.00	
Map and table updates						
Pendleton, Eben	5/19/2016	3.00	102.00		306.00	
Map updates						
Quadrini, James	5/3/2016	3.00	283.00		849.00	
Review RI comments.						
Quadrini, James	5/12/2016	1.25	283.00		353.75	
RI comment response prep call.						
Quadrini, James	5/16/2016	.50	283.00		141.50	
RI comments strategy discussion with Narayanan.						
Quadrini, James	5/20/2016	1.00	283.00		283.00	
Review RI RTC emails. Call to discuss RTC approach.						
Quadrini, James	5/23/2016	2.25	283.00		636.75	
Review RI Report comment responses.						
Quadrini, James	5/24/2016	.75	283.00		212.25	
Review RI Report comment responses.						
Quadrini, James	5/26/2016	2.00	283.00		566.00	
Review WW responses to RI comments.						
Quadrini, James	5/27/2016	1.75	283.00		495.25	
Review RTC. Submit RI Report responses to dmi.						
Quadrini, James	5/31/2016	2.00	283.00		566.00	
Review EPA requests table. Fill in benefits and estimated LOE.						
Salvador, Toni	5/3/2016	.50	100.00		50.00	
RI response matrix.						
Salvador, Toni	5/27/2016	.75	100.00		75.00	
RI Response Matrix formatting.						
Thorvaldsen, Alyssa	5/1/2016	1.00	159.00		159.00	
Read EPA comments on section 10						
Thorvaldsen, Alyssa	5/2/2016	1.00	159.00		159.00	
Assess EPA comments on section 10						
Thorvaldsen, Alyssa	5/6/2016	.75	159.00		119.25	
call on RI comments						
Thorvaldsen, Alyssa	5/13/2016	2.50	159.00		397.50	
look into addressing EPA RI comments						
Thorvaldsen, Alyssa	5/16/2016	1.75	159.00		278.25	

Project	120980-02.05	Lower Passaic River RI/FS			Invoice	47400
RI comments, discuss new maps						
Thorvaldsen, Alyssa	5/17/2016	7.00	159.00	1,113.00		
RI comments, review maps with 1/2-mile bins						
Thorvaldsen, Alyssa	5/18/2016	6.50	159.00	1,033.50		
Address RI comments, discuss bathymetry data, Map of river in ½ mile bins						
Thorvaldsen, Alyssa	5/20/2016	7.00	159.00	1,113.00		
RI comments status call, discuss Cs-137 profiles						
Thorvaldsen, Alyssa	5/24/2016	6.50	159.00	1,033.50		
sediment stability, Cs-137						
Thorvaldsen, Alyssa	5/25/2016	4.00	159.00	636.00		
Attachment B to Appendix M, Cs-137						
Thorvaldsen, Alyssa	5/27/2016	3.50	159.00	556.50		
sediment stability						
Thorvaldsen, Alyssa	5/31/2016	7.00	159.00	1,113.00		
sediment stability						
Wang, Sheng	5/24/2016	1.00	104.00	104.00		
evaluating data-related comments						
Wang, Sheng	5/30/2016	1.00	104.00	104.00		
evaluating data-related comments						
Totals		634.00		112,740.75		
Total Labor						112,740.75
Reimbursable Expenses						
Conference Calls				99.45		
Reference Materials/Permits				96.90		
Total Reimbursables				196.35		196.35
				Total this Task		\$112,937.10

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Task 03 COPC Mapping

**Professional Personnel**

			Hours	Rate	Amount
Dang, George	5/2/2016	Mapping calculate areas and averages code	5.75	102.00	586.50
Dang, George	5/3/2016	Area calculations, answering mapping questions, Prepare EPA deliverable	2.00	102.00	204.00
Dang, George	5/4/2016	Debug interpolation code	6.00	102.00	612.00
Dang, George	5/6/2016	Answering mapping questions	.50	102.00	51.00
Dang, George	5/13/2016	Mapping write-up	4.00	102.00	408.00
Dang, George	5/24/2016	Mapping model testing and debug	2.50	102.00	255.00
Dang, George	5/26/2016	Documentation for interpolation	6.25	102.00	637.50
Dang, George	5/27/2016	Documentation	3.00	102.00	306.00

Project	120980-02.05	Lower Passaic River RI/FS			Invoice	47400
Israelsson, Peter	5/3/2016	.50	217.00		108.50	
COPC mapping transmittal						
Israelsson, Peter	5/4/2016	1.00	217.00		217.00	
EPA transmittal of COPC mapping materials						
Israelsson, Peter	5/6/2016	1.50	217.00		325.50	
Discuss mapping documentation; discuss approach extension to other COPCs						
Israelsson, Peter	5/17/2016	.50	217.00		108.50	
COPC mapping documentation						
Lu, Zhenyu	5/3/2016	3.50	112.00		392.00	
Create the cross-plots of post-remedy concentration with different RALs. Pull together a table to summarize the SWAC and remediation acreage of each RAL. Think about the possible changes for the current plotting code.						
Lu, Zhenyu	5/23/2016	3.00	112.00		336.00	
Debug and test the interpolation tool on ArcGIS 10.2.						
Lu, Zhenyu	5/24/2016	1.50	112.00		168.00	
Debug and test the interpolation tool on ArcGIS 10.2.						
Miyasaka, Shuhei	5/3/2016	2.00	88.00		176.00	
copc mapping for tc meeting						
Oates, Peter	5/3/2016	2.00	153.00		306.00	
Covariance of different COPCs						
Oates, Peter	5/4/2016	1.00	153.00		153.00	
multiple COPCs						
Thorvaldsen, Alyssa	5/2/2016	6.50	159.00		1,033.50	
prepare files to transfer to EPA, mapping info for TC meeting						
Thorvaldsen, Alyssa	5/3/2016	7.50	159.00		1,192.50	
prepare files to transfer to EPA, mapping info for TC meeting						
Thorvaldsen, Alyssa	5/4/2016	2.75	159.00		437.25	
transfer files to EPA, look into other COPCs, document mapping approach						
Thorvaldsen, Alyssa	5/6/2016	2.00	159.00		318.00	
discuss and look into mapping multiple COPCs						
Thorvaldsen, Alyssa	5/9/2016	4.75	159.00		755.25	
outline for mapping document, read RI comments on mapping, update appendix J for new mapping						
Thorvaldsen, Alyssa	5/10/2016	3.75	159.00		596.25	
update Appendix J to describe CS mapping						
Thorvaldsen, Alyssa	5/11/2016	2.00	159.00		318.00	
update Appendix J to describe CS mapping						
Thorvaldsen, Alyssa	5/13/2016	2.50	159.00		397.50	
update Appendix J to describe CS mapping						
Thorvaldsen, Alyssa	5/27/2016	.50	159.00		79.50	
discuss files and documentation with George						
Totals		78.75			10,478.25	
<b>Total Labor</b>						<b>10,478.25</b>
<b>Reimbursable Expenses</b>						
Conference Calls					28.65	
Meals					14.04	
Transportation					843.45	
<b>Total Reimbursables</b>					<b>886.14</b>	<b>886.14</b>

Project	120980-02.05	Lower Passaic River RI/FS	Invoice	47400
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**Total this Task                      \$11,364.39**

Task                      04                      CFT Model Refinement

**Professional Personnel**

		Hours	Rate	Amount
Forrest, Casey	5/11/2016	1.25	114.00	142.50
SHREQ analysis				
Forrest, Casey	5/12/2016	3.00	114.00	342.00
SHREQ analysis				
Forrest, Casey	5/13/2016	2.50	114.00	285.00
SHREQ analysis				
Israelsson, Peter	5/17/2016	1.50	217.00	325.50
Prepare alternate proposal on fluff layer; partitioning discussion				
Israelsson, Peter	5/18/2016	2.75	217.00	596.75
Prepare arguments for EPA modeling meeting (split with RI response); call with P.Oates; COPC list and fluff layer eq				
Israelsson, Peter	5/19/2016	3.50	217.00	759.50
EPA model meeting agenda; subsequent discussion of slide prep; structure fluff arguments and equations; OC linkage/bulk density issue				
Israelsson, Peter	5/20/2016	2.00	217.00	434.00
Followup on plans for EPA presentations; fluff layer equations; call to review partitioning slide outline				
Israelsson, Peter	5/21/2016	.50	217.00	108.50
Fluff layer presentation options				
Israelsson, Peter	5/24/2016	.50	217.00	108.50
review model-related tasks from W.Ku				
Israelsson, Peter	5/26/2016	1.00	217.00	217.00
EPA modeling meeting related topics				
Israelsson, Peter	5/27/2016	.50	217.00	108.50
EPA presentation topics				
Ku, Wen	5/19/2016	.50	175.00	87.50
review modeling meeting agenda				
Ku, Wen	5/23/2016	2.00	175.00	350.00
draft COPCs slides for the model meeting;				
Ku, Wen	5/25/2016	3.00	175.00	525.00
review consolidation				
Ku, Wen	5/31/2016	4.50	175.00	787.50
review dep framework				
Oates, Peter	5/16/2016	2.00	153.00	306.00
model meeting presentation prep				
Oates, Peter	5/17/2016	3.00	153.00	459.00
model meeting presentation prep				

Project	120980-02.05	Lower Passaic River RI/FS			Invoice	47400
Oates, Peter		5/18/2016	3.00	153.00	459.00	
model meeting presentation prep						
Oates, Peter		5/19/2016	2.50	153.00	382.50	
model meeting presentation prep, CPG response for model agenda						
Oates, Peter		5/20/2016	3.00	153.00	459.00	
model meeting presentation prep						
Oates, Peter		5/23/2016	2.00	153.00	306.00	
model meeting presentation prep						
Oates, Peter		5/25/2016	3.00	153.00	459.00	
model meeting presentation prep						
Oates, Peter		5/26/2016	3.00	153.00	459.00	
model meeting presentation prep						
Oates, Peter		5/27/2016	2.00	153.00	306.00	
model meeting presentation prep						
Oates, Peter		5/31/2016	1.00	153.00	153.00	
model meeting presentation prep						
	Totals		53.50		8,926.25	
	<b>Total Labor</b>					<b>8,926.25</b>
				<b>Total this Task</b>		<b>\$8,926.25</b>
				<b>Total this Invoice</b>		<b>\$151,621.46</b>

#### Outstanding Invoices

Number	Date	Balance
46808	4/27/2016	105,450.15
47187	5/24/2016	132,316.04
<b>Total</b>		<b>237,766.19</b>

Invoice cc:  
 Marylin Jenkins  
 Law Offices of Marylin Jenkins PC  
 220 Merrimack Street, Suite 625  
 Lawrence, MA 01945  
 Phone: 781.780.1937  
 Fax: 978.655.1456  
 mjenkins@edgcomb-law.com



## May 2016 WebEX Invoice

Unit Price	Total Minutes	Total Amount	Meeting Date	Meeting Name	Host Name
0.038	60	\$ 2.28	5/3/2016	Prep for 5/4 TC mtg	Raghav Narayanan
0.038	61	\$ 2.32	5/3/2016	Prep for 5/4 TC mtg	Raghav Narayanan
0.038	64	\$ 2.43	5/3/2016	Prep for 5/4 TC mtg	Raghav Narayanan
		\$ 7.03	X Conference Calls		

## FOR COMPANY CREDIT CARD CHARGES ONLY



Check one:  
and

Check one:

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☐ JPC

☐ MDL

☐ JB

☐ JQ

☐ CKZ

☐ JER

☐ JPM

☐ ED

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☐ MHM

☐ LES

☐ CCY

☐ JRR

☐ KTR

☐ DCB

☐ LRK

DG

☒ AMEX

☒ JPC

☐ JRR

## GENERAL EXPENSE STATEMENT

Employee: John Connolly

Date: 5/9/2016

Job:Task# 120980-02.05 T 1

Account: \_\_\_\_\_

Internal# \_\_\_\_\_

Date of Expenditure	Vendor	Description	Amount
04/27/16	Breakfast	No receipt	\$9.81 <input checked="" type="checkbox"/> Meals
TOTAL			\$9.81

Employee Signature: Bungle

Approved By: \_\_\_\_\_





Account #19704

## TRANSACTION VIEW

Generated 5/6/2016 10:53

POSTING DATE	TRANSACTION DATE	TAG/ PLATE NUMBER	AGENCY	ACTIVITY	ENTRY TIME	ENTRY PLAZA	ENTRY LANE	EXIT TIME	EXIT PLAZA	EXIT LANE	VEHICLE TYPE CODE	AMOUNT	PREP AID	PLAN/RATE	FARE TYPE	BALANCE
04/27/2016	04/27/2016	00406726361	MTAB&T	TOLL	-	-	-	13:53:33	TNB	015	1	\$5.54	Y	STANDARD	N	\$63.32
04/28/2016	04/27/2016	00406726361	PANYNJ	TOLL	-	-	-	13:39:55	GWU	08	1	\$10.50	Y	STANDARD	N	\$52.82
04/28/2016	04/27/2016	00406726361	GSP	TOLL	-	-	-	13:23:22	PVK	07S	1	\$1.50	Y	STANDARD	N	\$51.32
04/27/2016	04/27/2016	00406726361	MTAB&T	TOLL	-	-	-	07:47:03	TNB	024	1	\$5.54	Y	STANDARD	N	\$68.86

Transportation



## Task 01

### INTERNAL EXPENSES - MILEAGE

May 2016

Expense Code - A5513F

Date	Driver	Project	Task	Description	# of miles	Reimb. Exp/mile	Total Amount
4/27/2016	Connolly, J.	120980-02.05	01	E.Hampton to Mahwa-mapping meeting with EPA	269	0.54	\$ 145.26

**X** Mileage



## Task 01

### INTERNAL EXPENSES - MILEAGE

May 2016

Expense Code - A5513F

Date	Driver	Project	Task	Description	# of miles	Reimb. Exp/mile	Total Amount
5/4/2016	Quadrini, J	120980-02.05	10	Oakland, NJ to Newark for TC meeting	26	0.54	\$ 14.04

✖ Mileage



Task 02

## May 2016 WebEX Invoice

Unit Price	Total Minutes	Total Amount	Meeting Date	Meeting Name	Host Name
0.038	109	\$ 4.14	5/3/2016	Passaic RI Comments	Raghav Narayanan
0.038	108	\$ 4.10	5/3/2016	Passaic RI Comments	Raghav Narayanan
0.038	109	\$ 4.14	5/3/2016	Passaic RI Comments	Raghav Narayanan
		\$ 12.39	✘ Conference Calls		



# May 2016 WebEX Invoice

Unit Price	Minutes	Amount	Meeting Date	Meeting Name	Host Name
0.038	23	\$ 0.87	5/5/2016	Comments and themes for TC	Raghav Narayanan
0.038	22	\$ 0.84	5/5/2016	Comments and themes for TC	Raghav Narayanan
0.038	20	\$ 0.76	5/5/2016	Comments and themes for TC	Raghav Narayanan
0.038	15	\$ 0.57	5/2/2016	Passaic - RI Response Alternatives Call	Raghav Narayanan
0.038	62	\$ 2.36	5/2/2016	Passaic - RI Response Alternatives Call	Raghav Narayanan
0.038	63	\$ 2.39	5/2/2016	Passaic - RI Response Alternatives Call	Raghav Narayanan
0.038	61	\$ 2.32	5/2/2016	Passaic - RI Response Alternatives Call	Raghav Narayanan
0.038	61	\$ 2.32	5/2/2016	Passaic - RI Response Alternatives Call	Raghav Narayanan
0.038	58	\$ 2.20	5/2/2016	Passaic - RI Response Alternatives Call	Raghav Narayanan
0.038	54	\$ 2.05	5/2/2016	Passaic - RI Response Alternatives Call	Raghav Narayanan
0.038	59	\$ 2.24	5/2/2016	Passaic - RI Response Alternatives Call	Raghav Narayanan
0.038	62	\$ 2.36	5/2/2016	Passaic - RI Response Alternatives Call	Raghav Narayanan
0.038	61	\$ 2.32	5/2/2016	Passaic - RI Response Alternatives Call	Raghav Narayanan
0.038	62	\$ 2.36	5/2/2016	Passaic - RI Response Alternatives Call	Raghav Narayanan
0.038	62	\$ 2.36	5/2/2016	Passaic - RI Response Alternatives Call	Raghav Narayanan
0.038	61	\$ 2.32	5/2/2016	Passaic - RI Response Alternatives Call	Raghav Narayanan
		\$ 30.63	X Conference Calls		

## Task 02



## May 2016 WebEX Invoice

Unit Price	Minutes	Amount	Meeting Date	Meeting Name	Host Name
0.038	73	\$ 2.77	5/5/2016	Passaic - discuss partition/fluff related topic	Wen Ku
0.038	77	\$ 2.93	5/5/2016	Passaic - discuss partition/fluff related topic	Wen Ku
0.038	75	\$ 2.85	5/5/2016	Passaic - discuss partition/fluff related topic	Wen Ku
0.038	52	\$ 1.98	4/26/2016	Passaic - discuss RI comment response categories Peter Israelsson	
0.038	52	\$ 1.98	4/26/2016	Passaic - discuss RI comment response categories Peter Israelsson	
0.038	1	\$ 0.04	4/28/2016	Passaic - EPA comments	Wen Ku
0.038	58	\$ 2.20	4/28/2016	Passaic - EPA comments	Wen Ku
0.038	71	\$ 2.70	4/28/2016	Passaic - EPA comments	Wen Ku
0.038	152	\$ 5.78	4/28/2016	Passaic - EPA comments	Wen Ku
0.038	150	\$ 5.70	4/28/2016	Passaic - EPA comments	Wen Ku
0.038	79	\$ 3.00	4/28/2016	Passaic - EPA RI comments	Wen Ku
0.038	80	\$ 3.04	4/28/2016	Passaic - EPA RI comments	Wen Ku
0.038	48	\$ 1.82	4/28/2016	Passaic - EPA RI comments	Wen Ku
0.038	116	\$ 4.41	5/2/2016	Passaic - RI Comments response	Wen Ku
0.038	31	\$ 1.18	5/2/2016	Passaic - RI Comments response	Wen Ku
0.038	116	\$ 4.41	5/2/2016	Passaic - RI Comments response	Wen Ku
0.038	117	\$ 4.45	5/2/2016	Passaic - RI Comments response	Wen Ku
0.038	10	\$ 0.38	5/2/2016	Passaic - RI Comments response	Wen Ku
		\$ 51.60	X Conference Calls		



Task 02

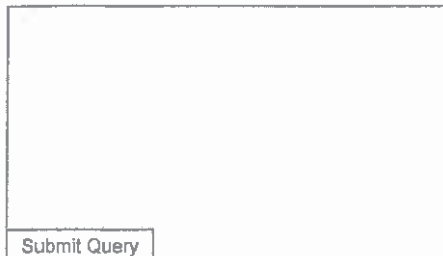
## May 2016 WebEX Invoice

Unit Price	Total Minutes	Total Amount	Meeting Date	Meeting Name	Host Name
0.038	35	\$ 1.33	5/2/2016	Passaic Modeling Comments	Wen Ku
0.038	30	\$ 1.14	5/2/2016	Passaic Modeling Comments	Wen Ku
0.038	27	\$ 1.03	5/2/2016	Passaic Modeling Comments	Wen Ku
0.038	35	\$ 1.33	5/2/2016	Passaic Modeling Comments	Wen Ku
		\$ 4.83	✕ Conference Calls		

## Task 02

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Task 02

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## Task 03



## May 2016 WebEX Invoice

Unit Price	Minutes	Amount	Meeting Date	Meeting Name	Host Name
0.038	30	\$ 1.14	4/26/2016	Passaic - call to discuss new .ppt slides	Alyssa Thorvaldsen
0.038	48	\$ 1.82	4/26/2016	Passaic - call to discuss new .ppt slides	Alyssa Thorvaldsen
0.038	50	\$ 1.90	4/26/2016	Passaic - call to discuss new .ppt slides	Alyssa Thorvaldsen
0.038	82	\$ 3.12	4/25/2016	Passaic - discuss .ppt for EPA meeting	Alyssa Thorvaldsen
0.038	86	\$ 3.27	4/25/2016	Passaic - discuss .ppt for EPA meeting	Alyssa Thorvaldsen
0.038	81	\$ 3.08	4/25/2016	Passaic - discuss .ppt for EPA meeting	Alyssa Thorvaldsen
0.038	68	\$ 2.58	4/7/2016	Passaic - EPA mapping presentation discussion	Peter Israelsson
0.038	68	\$ 2.58	4/7/2016	Passaic - EPA mapping presentation discussion	Peter Israelsson
0.038	69	\$ 2.62	4/7/2016	Passaic - EPA mapping presentation discussion	Peter Israelsson
0.038	56	\$ 2.13	4/12/2016	Passaic - mapping ppt check-in	Peter Israelsson
0.038	57	\$ 2.17	4/12/2016	Passaic - mapping ppt check-in	Peter Israelsson
0.038	59	\$ 2.24	4/12/2016	Passaic - mapping ppt check-in	Peter Israelsson
		\$ 28.65	X Conference Calls		

## Task 03

CHANGE

..45

CAFE AMORE

02/17/2016 000000  
#4279 9:33AM SERV.0010001

MISC	
SM COFFEE/TEA	\$3.99
MDSE ST	\$1.25
TAX1	\$5.24
	\$0.37

\*\*\*TOTAL  
CASH  
CHANGE

**\$5.61**  
\$20.00  
\$14.39

~~X~~  
Meals

## Task 03



## TRANSACTIONS FOR

01/01/2016 to 05/01/2016

Account Name: ANTONIO ARAUJO

Account #: ~~202506~~

## ACCOUNT SUMMARY

Beginning Balance	Tolls & Other Usage	Payments	Fees & Adjustments	Ending Balance	Mileage
\$12.00	(\$27.00)	\$25.00	\$0.00	\$10.00	0.0

Posted	Date & Time	Transaction	Transponder	Entry Plaza	Entry Lane	Exit Plaza	Exit Lane	Mileage	Amount	Account Balance
01/27	01/27/2016 08:19:58 PM	E-ZPass MA	02102773922			APG - Amtrak/MBTA Garage	1	0.0	-7.00	5.00
01/28	01/28/2016 01:07:23 AM	Credit Card - Replenish						0.0	15.00	20.00
02/14	02/14/2016 05:07:13 PM	E-ZPass MA	02102773921			TWT - Ted Williams Tunnel	3	0.0	-3.00	17.00
02/18	02/17/2016 06:26:43 PM	E-ZPass MA	02102773922			APG - Amtrak/MBTA Garage	1	0.0	-7.00	10.00
02/19	02/19/2016 01:22:24 AM	Credit Card - Replenish						0.0	10.00	20.00
04/27	04/27/2016 06:00:43 PM	E-ZPass MA	02102773922			APG - Amtrak/MBTA Garage	1	0.0	-7.00	13.00
05/01	05/01/2016 03:26:52 PM	E-ZPass MA	02102773921			TWT - Ted Williams Tunnel	3	0.0	-3.00	10.00

Transportation

Parking at Amtrak Station

Meals

1/27 - \$1.75

no receipt

X

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TIME 1:15 PM  
AUTH# 08593C

VISA

PUMP PRODUCT PPG  
05 UNLD \$2.399

GALLONS TOTAL  
2.898 \$6.95

Transportation

04/27/2016  
Merchant ID:  
Device ID:  
Terminal ID:

09:10:39  
XXXXXXXXXXXX9080  
3030  
PD071.

CAFE AMORE  
1 INTERNATIONAL BLVD  
MAHWAH, NJ 0745  
201-880-6494

CREDIT CARD  
VISA SALE

CARD # XXXXXXXXXXXX5631  
TRANS # 009  
Batch #: 2  
Approval Code: 05782C  
ACI Code: E  
TRANS ID: 006118479395133  
Entry Method: Swiped  
Mode: Online

SALE AMOUNT

\$6.68  
Meals

Report Generated On: 5/9/2016

THANK YOU  
HAVE A NICE DAY

CUSTOMER COPY

**alyssa\_suzanne@hotmail.com**

**From:** etickets@amtrak.com  
**Sent:** Monday, January 25, 2016 3:16 PM  
**To:** ALYSSA\_SUZANNE@HOTMAIL.COM  
**Subject:** Amtrak: eTicket and Receipt for Your 01/27/2016 Trip - ALYSSA THORVALDSEN  
**Attachments:** Thorvaldsen Alyssa 201601251516040674.pdf

## SALES RECEIPT



Purchased: 01/25/2016 12:16 PM PTThank you for your purchase.

1. Retain this receipt for your records.
2. Print the attached eTicket and carry during your trip.

Merchant ID 0071060 Massachusetts AvenueWashington, DC 20002800-USA-  
 RAILAmtrak.com

**Reservation Number - 232261**ROUTE 128-WSTWD,  
**MA - NEW YORK PENN, NY (Round-Trip)**JANUARY 25, 2016  
 Billing Information

ALYSSA THORVALDSEN213 WOMPATUCK RDHINGHAM, MA 02043-

**Discover** ending in 1279 (Purchase)Authorization Code 02583R

**Total \$313**

Purchase Summary - Ticket Number 0250710598997

**Train 2151: ROUTE 128, MA - NEW YORK (PENN STATION), NY**Depart 5:19  
 AM, Wednesday, January 27, 2016  
 1 ACELA EXPRESS BUSINESS CL SEAT

**\$115.00**

**Ticket Terms & Conditions**ACELA EXPRESS SERVICE, NO PARTIAL REFUND IF USED ON OTHER  
 SERVICE

**Subtotal**

**\$115.00**

**Train 2166: NEW YORK (PENN STATION), NY - ROUTE 128, MA**Depart 4:00  
 PM, Wednesday, January 27, 2016



1 ACELA EXPRESS BUSINESS CL SEAT

\$198.00

**Ticket Terms & Conditions** ACELA EXPRESS SERVICE, NO PARTIAL REFUND IF USED ON OTHER SERVICE**Subtotal****\$198.00****Total Charged by Amtrak****\$313.00**

Transportation

**Passengers**

Alyssa Thorvaldsen

**Important Information**

- Tickets are non-transferrable.
- Changes to your itinerary may affect your fare.
- Refund and exchange restrictions and penalties for failure to cancel unwanted travel may apply. If your travel plans change, call us before departure to change your reservation. If you do not board your train, your entire reservation from that point will be canceled. If you board a different train without notifying us, you will have to pay for it separately; the conductor cannot apply the money paid for your prior reservation. For all travel on or after March 1, 2014, for most Acela Express Business class reservations and Reserved Coach class reservations, you must cancel your reservation at least 24 hours prior to the train's departure in order to be eligible for a full refund. If the reservation is canceled within 24 hours of departure, a refund fee will apply. If the reservation is not canceled prior to scheduled departure ("no show"), the entire amount paid for the reservation will be forfeited. See the refund/exchange policy at [Amtrak.com/refund](http://Amtrak.com/refund).
- Summary of Conditions of Contract: Ticket valid for carriage or refund (subject to the refund rules of the fare purchased) for twelve months after date of issue unless otherwise specified. Amtrak tickets may only be sold or issued by Amtrak or an authorized travel agent/tour operator. Tickets sold or issued by an unauthorized third party will be voided by Amtrak. This ticket is a contract of carriage between Amtrak and the ticket holder, which is subject to specific terms and conditions, which are available for inspection at Amtrak ticket counters, on the Amtrak website at [Amtrak.com/conditionsofcontract](http://Amtrak.com/conditionsofcontract), or by calling 1-800-USA-RAIL. Tickets sold for non-Amtrak service are subject to the tariffs of the providing carrier.
- Questions? Contact us online at [Amtrak.com/contact](http://Amtrak.com/contact) or call 1-800-USA-RAIL (1-800-872-7245) or TDD/TTY (1-800-523-6590).

Task 03

\$-122  
credit for  
reduced return  
fare from  
\$198 to \$76  
for re-booking  
on day of  
travel due to  
actual meeting  
duration

EXCHANGE RECEIPT		Ticket Coupon 01 of 01		NYP 800-USA-RAIL		RES# 232261-250116		TKT# 0273339544192	
I acknowledge receipt of the ticket and agree to accept billing to the credit card identified below.		Date of Issue: 27 Jan 16 01:43 PM		Place of Issue: NYP		Res. #		Status	
Name of Passenger: THORVALDSEN/ALYSSA		From		Carrier		Train		Special Car	
To		Not Valid Before/After		Accom		Form of Payment		Rail Fare	
I HAVE RECEIVED A REFUND IN THE FORM OF CASH AND/OR CREDIT TO CARD NUMBERS INDICATED AND/OR IN THE FORM OF A VOUCHER.		PLEASE REFER TO YOUR ETICKET TRAVEL DOCUMENT FOR ADDITIONAL FARE RESTRICTION INFORMATION		Form of Payment		Rail Fare		Fare Plans	
Form of Payment		Fare Plan: Discover		Tkt. Ptr. 1279		122.00		Accom Charge	
Accom Charge		Pricing Pts		097610902756		SEE REVERSE SIDE FOR CONDITIONS OF CONTRACT.		Total	
Total Charge		NRPT 96		STOCK CONTROL NO.		TKT NO - DO NOT MARK OR STAMP IN THIS BLOCK		AGENT: 3339	
								27 JAN 16 / 143P NYP	
								No. of Reservation	
								PASSENGER RECEIPT	

REFUND RECEIPT		EXCHN 01 TKTs RFND/ 0250710599003	
Name of Passenger		Name of Passenger	
CRIG /		TRAVE ORIG AMT PAID	
FORFE USED PORTION		198.00	
AVAI FORFEITED AMOUNT		76.00	
REVI EXC VOUCHER		0.00	
TKT REFUND FEE		0.00	
REF CCR DS 1279		0.00	
RET		122.00	
Form of Payment		Form of Payment	
Rail Fare		Rail Fare	
Fare Plans		Fare Plans	
AGENT: 3339		AGENT: 3339	
27 JAN 16 / 143P NYP		27 JAN 16 / 143P NYP	
No. of Reservation		No. of Reservation	
PASSENGER RECEIPT		PASSENGER RECEIPT	

Transportation



alyssa\_suzanne@hotmail.com

**From:** etickets@amtrak.com  
**Sent:** Monday, February 15, 2016 4:55 PM  
**To:** ALYSSA\_SUZANNE@HOTMAIL.COM  
**Subject:** Amtrak: eTicket and Receipt for Your 02/17/2016 Trip - ALYSSA THORVALDSEN  
**Attachments:** Thorvaldsen Alyssa 201602151654340607.pdf

## SALES RECEIPT



Purchased: 02/15/2016 1:54 PM PT Thank you for your purchase.

1. Retain this receipt for your records.
2. Print the attached eTicket and carry during your trip.

Merchant ID 0074360 Massachusetts Avenue Washington, DC 20002800-USA-  
 RAILAmtrak.com

**Reservation Number - 38141** **ROUTE 128-WSTWD,**  
**MA - STAMFORD, CT (Round-Trip)** FEBRUARY 15, 2016  
 Billing Information

ALYSSA THORVALDSEN213 WOMPATUCK RD HINGHAM, MA 02043-

**Discover** ending in 1279 (Purchase) Authorization Code 01508R

**Total \$302**   
 Transportation

Purchase Summary - Ticket Number 0460743557551

**Train 2151: ROUTE 128, MA - STAMFORD, CT** Depart 5:19 AM, Wednesday,  
 February 17, 2016  
 1 ACALA EXPRESS BUSINESS CL SEAT

**\$111.00**

**Ticket Terms & Conditions** ACALA EXPRESS SERVICE, NO PARTIAL REFUND IF USED ON OTHER  
 SERVICE

**Subtotal**

**\$111.00**

**Train 2168: STAMFORD, CT - ROUTE 128, MA** Depart 5:48 PM, Wednesday,  
 February 17, 2016

	<b>Revised Fare</b>
	<b>\$191.00</b>
	<b>Total Charged</b>
	<b>\$0.00</b>

## Passengers

Alyssa Thorvaldsen

## Important Information

- Tickets are non-transferrable.
- Changes to your itinerary may affect your fare.
- Refund and exchange restrictions and penalties for failure to cancel unwanted travel may apply. If your travel plans change, call us before departure to change your reservation. If you do not board your train, your entire reservation from that point will be canceled. If you board a different train without notifying us, you will have to pay for it separately; the conductor cannot apply the money paid for your prior reservation. For all travel on or after March 1, 2014, for most Acela Express Business class reservations and Reserved Coach class reservations, you must cancel your reservation at least 24 hours prior to the train's departure in order to be eligible for a full refund. If the reservation is canceled within 24 hours of departure, a refund fee will apply. If the reservation is not canceled prior to scheduled departure ("no show"), the entire amount paid for the reservation will be forfeited. See the refund/exchange policy at [Amtrak.com/refund](http://Amtrak.com/refund).
- Summary of Conditions of Contract: Ticket valid for carriage or refund (subject to the refund rules of the fare purchased) for twelve months after date of issue unless otherwise specified. Amtrak tickets may only be sold or issued by Amtrak or an authorized travel agent/tour operator. Tickets sold or issued by an unauthorized third party will be voided by Amtrak. This ticket is a contract of carriage between Amtrak and the ticket holder, which is subject to specific terms and conditions, which are available for inspection at Amtrak ticket counters, on the Amtrak website at [Amtrak.com/conditionsofcontract](http://Amtrak.com/conditionsofcontract), or by calling 1-800-USA-RAIL. Tickets sold for non-Amtrak service are subject to the tariffs of the providing carrier.
- Questions? Contact us online at [Amtrak.com/contact](http://Amtrak.com/contact) or call 1-800-USA-RAIL (1-800-872-7245) or TDD/TTY (1-800-523-6590).

# Task 03

RENTAL AGREEMENT NUMBER 34263476

## RECEIPT

### YOUR INFORMATION

Customer Name : THORVALDSEN,ALYSSA  
Methods Of Payment : CASH

### YOUR VEHICLE INFORMATION

Avis Car Number : 4 6 5 B 1 3 9 3  
Plate Number : NY FLB5073  
Veh Grp Charged : Subcompact  
Veh Grp Rented : Subcompact  
Veh Description : GRV KIA RIO 4DR SEDAN  
Total Driven : 100 MIs Odometer In: 7299 MIs  
Fuel Gauge Reading: Full

### YOUR RENTAL

Pickup Date/Time : FEB 17,2016@08:00 AM  
Pickup Location : ONE STATION PLAZA  
STAMFORD,CT,06902,US

Return Date/Time : FEB 17,2016@03:37 PM  
Return Location : ONE STATION PLAZA  
STAMFORD,CT,06902,US

### YOUR VEHICLE CHARGES:

MIN 1 DAY MAX 98 HRS

#### RATE CHART TIME AND MILEAGE

MIs : Unlimited

HRLY : 18.75

DAILY : 24.99

WKLY : 124.95

MTLY :

MIN 1DY/2A/A 100FM + 24.99  
Less 5.00% Discount = 1.25

Time & Mileage: 23.74

#### TAXABLE FEES

ENERGY RECOVERY FEE .60 /DY + .60

# 3% SURCHARGE + .76

Subtotal Charges: 25.10

Sales Tax 9.350% + 2.35

#### NON TAXABLE ITEMS

CT TOURISM FEE 1.00 /DY + 1.00

Your Total Charges Paid: 28.45

Prepayment : .00

NET CHARGES: USD 0.00

Your Total Due: 0.00

Fuel services: .3625/MI. 9.790/Gal

# CONNECTICUT RENTAL VEHICLE SURCHARGE

### YOUR OPTIONAL PRODUCTS/SERVICES

~~X~~ Transportation

NOTICES-----AVIS-----NOTICES-----AVIS-----NOTICES-----AVIS-----NOTICES

I agree to the rental charges above. I acknowledge additional charges could be added based on tolls, tickets, fines administrative charges and other fees which may be applicable.X

Thank you for renting with Avis.

If you have questions regarding this rental, call us at 203-964-3200

This vehicle was rented to you by HAROLD

This vehicle was checked in for you by VICTOR

DISCOVER

Discover® More® Card

Open Date: Feb 4, 2016 - Close Date: Mar 3, 2016  
Page 3 of 6

## CONTACT US



Web  
Access your  
account securely  
at Discover.com



Mobile  
Manage your  
account anytime,  
anywhere at  
m.Discover.com



Phone  
1-800-DISCOVER  
(1-800-347-2683)  
TDD 1-800-347-7449



Inquiry  
Discover  
PO Box 30943  
Salt Lake City  
UT 84130



Mail Payments  
Discover  
PO Box 6103  
Carol Stream  
IL 60197-6103

## Transactions

Trans. Date    Post Date

Feb 22    Feb 22    RENT A CAR TOLLS 866-2856265 NY

8.95

Transportation



# Task 03

RENTAL AGREEMENT NUMBER 342652015

RECEIPT

## YOUR INFORMATION

Customer Name : THORVALDSEN,ALYSSA  
Avis Worldwide Disc : RETAIL ME NOT  
Methods Of Payment : CASH

## YOUR VEHICLE INFORMATION

Avis Car Number : 4 7 6 8 9 4 1 2  
Plate Number : NY HGG1889  
Veh Grp Charged : Subcompact  
Veh Grp Rented : Cool Cars  
Veh Description : ONG FORD MUSTANG ZDR/4PSGR  
Total Driven : 80 MIs Odometer In: 1964 MIs  
Fuel Gauge Reading: Full

## YOUR RENTAL

Pickup Date/Time : APR 27,2016@07:58 AM  
Pickup Location : ONE STATION PLAZA  
STAMFORD,CT,06902,US

Return Date/Time : APR 27,2016@02:26 PM  
Return Location : ONE STATION PLAZA  
STAMFORD,CT,06902,US

## YOUR VEHICLE CHARGES:

MIN 1 DAY MAX 98 HRS  
RATE CHART TIME AND MILEAGE  
MIs : Unlimited  
HRLY : 63.75  
DAILY : 84.99  
WKLY : 424.95  
MNTLY :  
MIN 1DY/2A/A 80FM + 84.99  
Multi Discount Applied - 8.29  
Time & Mileage: 76.70  
TAXABLE FEES  
ENERGY RECOVERY FEE .60 /DY + .60  
# 3% SURCHARGE + 2.35  
Subtotal Charges: 79.65  
Sales Tax 9.350% + 7.45  
NON TAXABLE ITEMS  
CT TOURISM FEE 1.00 /DY + 1.00  
Your Total Charges Paid: 88.10  
Prepayment : .00  
NET CHARGES: USD 0.00  
Your Total Due: 0.00  
Fuel service: .5152/MI 9.790/Gal  
# CONNECTICUT RENTAL VEHICLE SURCHARGE

## YOUR OPTIONAL PRODUCTS/SERVICES

~~Transportation~~

NOTICES-AVIS-NOTICES-AVIS-NOTICES-AVIS-NOTICES-AVIS-NOTICES  
I agree to the rental charges above. I acknowledge additional charges could be added based on tolls, tickets, fines administrative charges and other fees which may be applicable.X  
Thank you for renting with Avis.  
If you have questions regarding this rental, call us at 203-964-3200  
This vehicle was rented to you by HAROLD This vehicle was checked in for you by JUSTIN

alyssa\_suzanne@hotmail.com

**From:** etickets@amtrak.com  
**Sent:** Tuesday, April 26, 2016 1:55 PM  
**To:** ALYSSA\_SUZANNE@HOTMAIL.COM  
**Subject:** Amtrak: eTicket and Receipt for Your 04/27/2016 Trip - ALYSSA THORVALDSEN  
**Attachments:** Thorvaldsen Alyssa 201604261354570886.pdf

## SALES RECEIPT



Purchased: 04/26/2016 10:54 AM PT Thank you for your purchase.

1. Retain this receipt for your records.
2. Print the attached eTicket and carry during your trip.

Merchant ID 0068760 Massachusetts Avenue Washington, DC 20002800-USA-  
 RAILAmtrak.com

**Reservation Number - 8A77C5** ROUTE 128-WSTWD,  
 MA - STAMFORD, CT (Round-Trip) APRIL 26, 2016  
 Billing Information

ALYSSA THORVALDSEN 213 WOMPATUCK RD HINGHAM, MA 02043-

Visa ending in 5631 (Purchase) Authorization Code 03722C

**Total \$321**

## Purchase Summary - Ticket Number 1170687548941

**Train 2151: ROUTE 128, MA - STAMFORD, CT** Depart 5:19 AM, Wednesday, April 27, 2016

1 ACALA EXPRESS BUSINESS CL SEAT

**\$130.00**

**Ticket Terms & Conditions** ACALA EXPRESS SERVICE, NO PARTIAL REFUND IF USED ON OTHER SERVICE

**Subtotal**

**\$130.00**

**Train 2168: STAMFORD, CT - ROUTE 128, MA** Depart 5:48 PM, Wednesday, April 27, 2016

## Task 03

1 ACELA EXPRESS BUSINESS CL SEAT	\$191.00
<b>Ticket Terms &amp; Conditions</b> ACELA EXPRESS SERVICE, NO PARTIAL REFUND IF USED ON OTHER SERVICE	
	<b>Subtotal</b>
	\$191.00
	<b>Total Charged by Amtrak</b>
	\$321.00



Transportation  
4/27 Original  
ticket amount

### Passengers

Alyssa Thorvaldsen

### Important Information

- Tickets are non-transferrable.
- Changes to your itinerary may affect your fare.
- Refund and exchange restrictions and penalties for failure to cancel unwanted travel may apply. If your travel plans change, call us before departure to change your reservation. If you do not board your train, your entire reservation from that point will be canceled. If you board a different train without notifying us, you will have to pay for it separately; the conductor cannot apply the money paid for your prior reservation. For most Acela Express Business class reservations and Reserved Coach class reservations, you must cancel your reservation at least 24 hours prior to the train's departure in order to be eligible for a full refund. If the reservation is canceled within 24 hours of departure, a refund fee will apply. If the reservation is not canceled prior to scheduled departure ("no show"), the entire amount paid for the reservation will be forfeited. See the refund/exchange policy at [Amtrak.com/refund](http://Amtrak.com/refund).
- Summary of Conditions of Contract: Ticket valid for carriage or refund (subject to the refund rules of the fare purchased) for twelve months after date of issue unless otherwise specified. Amtrak tickets may only be sold or issued by Amtrak or an authorized travel agent/tour operator. Tickets sold or issued by an unauthorized third party will be voided by Amtrak. This ticket is a contract of carriage between Amtrak and the ticket holder, which is subject to specific terms and conditions, which are available for inspection at Amtrak ticket counters, on the Amtrak website at [Amtrak.com/conditionsofcontract](http://Amtrak.com/conditionsofcontract), or by calling 1-800-USA-RAIL. Tickets sold for non-Amtrak service are subject to the tariffs of the providing carrier.
- Questions? Contact us online at [Amtrak.com/contact](http://Amtrak.com/contact) or call 1-800-USA-RAIL (1-800-872-7245) or for text telephone (TTY) 1-800-523-6590.

alyssa\_suzanne@hotmail.com

**From:** etickets@amtrak.com  
**Sent:** Wednesday, April 27, 2016 2:37 PM  
**To:** ALYSSA\_SUZANNE@HOTMAIL.COM  
**Subject:** Amtrak: eTicket and Receipt for Your 04/27/2016 Trip - ALYSSA THORVALDSEN  
**Attachments:** Thorvaldsen Alyssa 201604271437180685.pdf

## SALES RECEIPT



Purchased: 04/26/2016 10:54 AM PT Modified: 04/27/2016 11:36 AM PT Thank you for your purchase.

1. Retain this receipt for your records.
2. Print the attached eTicket and carry during your trip.

60 Massachusetts Avenue Washington, DC 20002 800-USA-RAIL Amtrak.com

**Reservation Number - 8A77C5** STAMFORD, CT -  
**ROUTE 128-WSTWD, MA (One-Way)** APRIL 26, 2016  
 Billing Information

ALYSSA THORVALDSEN 213 WOMPATUCK RD HINGHAM, MA 02043-

**Visa** ending in 5631 (Credit)

**\$124**

**Total Refunded to Credit Card**

**\$124.00**

Change Summary - Ticket Number 1184329551304

**Original Amount Paid**

**Original ticket amount \$321.00**

**Travel Amount Used**

**(\$130.00)**

**Subtotal**



	<b>\$191.00</b>
<hr/>	
Revised Trip Details <b>Train 174: STAMFORD, CT - ROUTE 128, MA</b> Depart 2:48 PM, Wednesday, April 27, 2016 1 RESERVED COACH SEAT	
	<b>\$67.00</b>
	<b>Subtotal</b>
	<b>\$67.00</b>
	<b>Revised Fare</b>
	<b>\$67.00</b>
	<b>Total Refunded to Credit Card</b>
	<b>\$124.00</b> X

### Passengers

Alyssa Thorvaldsen

### Important Information

- Tickets are non-transferrable.
- Changes to your itinerary may affect your fare.
- Refund and exchange restrictions and penalties for failure to cancel unwanted travel apply. If your travel plans change, call us before departure to change your reservation. If you do not board your train, your entire reservation from that point will be canceled. If you board a different train without notifying us, you will have to pay for it separately; conductor cannot apply the money paid for your prior reservation. For most Acela Exp Business class reservations and Reserved Coach class reservations, you must cancel your reservation at least 24 hours prior to the train's departure in order to be eligible for a full refund. If the reservation is canceled within 24 hours of departure, a refund fee will apply. If the reservation is not canceled prior to scheduled departure ("no show"), the entire amount paid for the reservation will be forfeited. See the refund/exchange policy at [Amtrak.com/refund](http://Amtrak.com/refund).
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- Questions? Contact us online at [Amtrak.com/contact](http://Amtrak.com/contact) or call 1-800-USA-RAIL (1-800-872-7245) or for text telephone (TTY) 1-800-523-6590.

Transportation  
4/27 \$-124  
credit for  
reduced return  
fare from  
\$191 to \$67  
for re-booking  
on day of  
travel due to  
actual meeting  
duration